

WHAT IS CLAIMED:

1. A power closing assembly for a closure panel hingedly secured to a motor vehicle, said power closing assembly comprising:

a striker fixedly secured to the motor vehicle and movable between an inboard position and an outboard position;

an actuator fixedly secured to the motor vehicle spaced apart from said striker, said actuator including a closure panel cable extending between said actuator and the closure panel for moving the closure panel from an open position to a closed position when said actuator is operable, said actuator including a rotary drive operable when said actuator is operable; and

a rotary power cable extending between said rotary drive and said striker such that said rotary power cable translates rotation of said rotary drive into movement of said striker between said inboard and outboard positions.

2. A power closing assembly as set forth in claim 1 wherein said actuator includes a motor drivable between a park position and fully deployed position.

3. A power closing assembly as set forth in claim 2 including a lead screw operatively connected between said striker and said rotary power cable to translate rotational motion of said rotary power cable into linear motion of said striker.

4. A power closing assembly as set forth in claim 3 wherein said actuator includes a transmission for converting said revolutions of said rotary power cable into said movement of said striker.

5. A power closing assembly as set forth in claim 4 including a coil spring for maintaining said closure panel cable in constant tension.

6. A power closing assembly as set forth in claim 5 including a spool drum for providing space for said closure panel cable to be stored.

7. A power closing assembly for a closure panel hingedly secured to a motor vehicle, said power closing assembly comprising:

a striker fixedly secured to the motor vehicle and movable between an inboard position and an outboard position;

an actuator fixedly secured to the motor vehicle spaced apart from said striker, said actuator including a closure panel cable extending between said actuator and the closure panel for moving the closure panel from an open position to a closed position when said actuator is operable, said actuator including a rotary drive operable when said actuator is operable; and

a striker motor operatively connected to said actuator, said striker motor moving said striker between the inboard and outboard positions when said actuator is activated.

8. A power closing assembly as set forth in claim 7 wherein said actuator includes a motor drivable between a park position and fully deployed position.

9. A power closing assembly as set forth in claim 8 including a coil spring for maintaining said closure panel cable in constant tension.

10. A method for closing a closure panel of a motor vehicle using a motor, a striker, an actuator, having a closure panel cable, and a rotary power cable, defining a center axis, extending between the actuator and the striker, the method comprising the steps of:

energizing the motor using a polarity to generate a driving rotational force in a first direction;

driving the actuator using the driving rotational force in the first direction to close the closure panel;

rotating the rotary power cable using the driving rotational force in the first direction to move the striker to an outboard position;

reversing the polarity of the motor upon latch engagement to generate a back driving rotational force in a second direction;

allowing the actuator to reset to run freely in the second direction; and

rotating the rotary power cable using the back driving rotational force in the second direction to move the striker to an inboard position to seal the closure panel with the motor vehicle.

11. A method as set forth in claim 10 wherein the step of rotating the rotary power cable is rotated about the center axis.

12. A method as set forth in claim 11 including the step of translating the rotation of the rotary power cable into a linear force to move the striker between its inboard and outboard positions.

13. A method as set forth in claim 12 including the step of backdriving the motor to a park position after the closure panel reaches a closed position.

14. A method as set forth in claim 13 including the step of sealing the closure panel during the step of backdriving the motor.

15. A method as set forth in claim 14 wherein the step of driving the actuator includes the step of winding the closure panel cable to move the closure panel toward the closed position.